Number of nuclear reactors

2318. DR. GYAN PRAKASH PILANIA:
SHRI LALIT KISHORE CHATURVEDI:

Will the PRIME MINISTER be pleased to state:

(a) the number of fast breeder reactors and advance nuclear power reactors run by light water and heavy water that are operational and the quantum of power generated thereby;

(b) the number of fast breeder reactors and advance nuclear power reactors run by light and heavy water that are planned to be installed in the next ten years; and the quantum of additional power that would be generated thereby; and

(c) the scheme with Government to use Thorium as fuel in the next ten years?

THE MINISTER OF STATE IN PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) There are fifteen Pressurised Heavy Water Reactors with a capacity of 3800 MWe and two Light Water Reactors (LWRs) of 320 MWe are in operation. One 220 MWe PHWR (RAPP-5) has attained criticality and is expected to be synchronised with the grid in near future.

(b) Two PHWRs (440 MWe), two LWRs (2000 MWe) and a Fast Breeder Reactor (FBR) (500 MWe) are at an advanced stage of construction. Work on eight PHWRs of 700 MWe each and ten LWRs is planned to be launched in the Eleventh Plan period. More LWR reactors are planned in next ten years. The capacity of LWRs to be installed is being finalized. Four FBRs of 500 MWe each are also planned to be set up in next ten years.

(c) One advanced Heavy Water Reactor of 300 MWe is planned to be set up. Commercial reactors using thorium need a significant capacity of Fast Breeder Reactors and development of respective technologies. R&D efforts for thorium utilization are proposed to be continued in next ten years.

Spectrum allocation and pricing process of UK and France

2319. SHRI M.V. MYSURA REDDY:
SHRI PENUMALLI MADHU:

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether it is a fact that a team of DOT officials travelled to UK and France to study their spectrum allocation and pricing process;

(b) if so, the criteria adopted for selection by these particular countries;

(c) the reasons for visiting only Global System for Mobile Communications (GSM) dominating countries and ignoring Code Division Multiple Access (CDMA) technology dominant countries;

(d) whether it is a fact that it was done to favour GSM operators; and